

Correction add to printout

DOH # 0100009-01
GW01538
FORM 9-1642
(1-68)

PUNCHED and VERIFIED
ROLLA COMPUTATION BRANCH

Well No. J-24

GPSd 10/30/96 CH
U. S. DEPT. OF THE INTERIOR

WELL SCHEDULE
GEOLOGICAL SURVEY

Elog # 17
WATER RESOURCES DIVISION

PUNCHED

MASTER CARD

Record by Q Source of data BOSC MSGS Date 10/71 Map Weir

State 28 County (or town) CHOCTAW Sequential number: 1

Latitude: 33¹51²9³N⁴ Longitude: 08¹91²72³9⁴ degrees 15 min 10 sec

Lat-long accuracy: 2¹ T 16² R 10³ W, Sec 17¹ N NE² NE NE³ NE NW⁴

Local well number: J024AB1716N10E Other well number: B & M

Local use: 009017 Owner or name: WEIR Address: _____

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist. M

Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, Unused, Repressure, Recharge, Desal-P S, Desal-other, Other P

Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed. W

DATA AVAILABLE: Well data Freq. W/L meas.: Field aquifer char.

Hyd. lab. data: _____

Qual. water data; type: MSBOW/USGS 1/76

Freq. sampling: _____ Pumpage inventory: yes, no, period: _____

Aperture cards: _____ yes

Log data: Elog 10'-892'

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 540 ft Meas. rept accuracy 3

Depth cased: 500 ft Casing type: _____; Diam. 8x4 in

Finish: (C) porous concrete, (F) gravel w. (perf.), (G) gravel w. (screen), (H) horiz. gallery, (I) open end, (J) other, (K) other G

Method Drilled: (A) air rot, (B) bored, (C) cable, (D) dug, (E) hyd jetted, (F) air rot., (G) percussive, (H) rotary, (I) reverse, (J) trenching, (K) driven, (L) drive wash, (M) other H

Date Drilled: 9/71 9-71 Pump intake setting: _____ ft

Driller: CARLOSS MEMPHIS TENN.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other T Deep Shallow

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; H.P. 20 Trans. or meter no. _____

Descrip. MP _____ ft above below LSD, Alt. MP _____

Alt. LSD: 540 Accuracy: topo

Water Level: _____ ft above below MP; _____ ft above below LSD Accuracy: _____

Date meas: 5711 Yield: 750 gpm Method determined: 200

Drawdown: _____ ft Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct 200 K x 10 2 Temp. 19.0 °F Date sampled 176

Taste, color, etc. (pH= 6.4 Fe, 3.0) ? see back

Driller's log has comp. date of 3/1/73

Well No.

524

Well No.

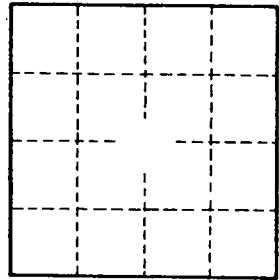
J24

Latitude-longitude

HYDROGEOLOGIC CARD

SAME AS ON MASTER CARD Physiographic Province: 03 Section: 20 21
D Drainage Basin: 13T Subbasin: 22 23 25 26
 Top of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat 27
 MAJOR AQUIFER: system _____ series TE aquifer, formation, group WLCXL LW
 Lithology: _____ Origin: S 28 29 Aquifer Thickness: 2 75 ft 30 31
 Length of well open to: 75 ft 32 33 Depth to top of: 40 ft 41 42 470 34 35 37 38 40 41 43
 MINOR AQUIFER: system _____ series _____ aquifer, formation, group _____ 44 45 46 47
 Lithology: _____ Origin: _____ Aquifer Thickness: _____ ft 48 49 50
 Length of well open to: _____ ft 51 52 Depth to top of: _____ ft 54 55 56 57 59
 Intervals Screened: _____
 Depth to consolidated rock: _____ ft 60 63 Source of data: _____ 64
 Depth to basement: _____ ft 65 68 Source of data: _____ 69
 Surficial material: _____ Infiltration characteristics: _____ 70 71 72
 Coefficient Trans: _____ gpd/ft 73 75 Coefficient Storage: _____ 76 78
 Coefficient Perm: _____ gpd/ft²; Spec cap: _____ gpm/ft; Number of geologic cards: _____ 79

This quality data look questionable
Could water be leaking from shallow aquifer?



Well No.

J24

Choctaw
 J24
 Elog #17
 CW 01598
 3/1/

MISSISSIPPI
 BOARD OF WATER COMMISSIONERS
 416 North State Street
 Jackson, Mississippi 39201

CODED

WATER WELL DRILLERS LOG

date well completed 19 73 firm name Carloss Well Supply Co. county well located Choctaw

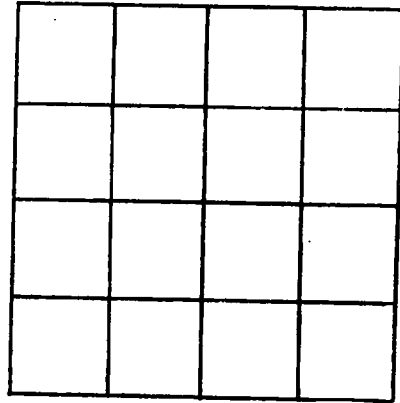
LANDOWNER:	description of formations encountered	from	to
Town of Weir			
Weir, Mississippi	Red & Yellow Clay	0	90
(mailing address)	Medium Sand	90	120'
WELL LOCATION:	Tough blue clay & shale	120	220
sec. <u>8</u> T <u>16</u> N R <u>9</u> E	Fine Sand	220	230
$\frac{1}{2}$ miles S of Weir	Shale	230	240
(distance) (direction) (nearest town)	Sandy Shale w/ streaks	240	270
WELL PURPOSE: Municipal	Brown sandy Shale	270	294
(home, irrigation, municipal, industrial)	Hard sandy shale	294	316
WELL COMPLETION DATA:	Rock	316	322
(1) diameter (inches) <u>8</u>	Hard sandy shale	322	378
(2) total depth (feet) <u>545'</u>	Rock	378	380
(3) static water level (feet) <u>166'</u> below top of ground.	Hard Sand	380	385
(4) casing <u>Steel</u> , <u>495'</u>	Fine muddy blue sand	385	400
(material) (depth)	Rock	400	402
(size) If telescope see back.	Hard blue sandy shale	402	424
(5) screen <u>40</u>	Blue Shale	424	440
(length) (depth to top)	Clay	440	466
<u>4"</u> S.S.	Shale	466	502
(size) (material)	Fine Sand	502	548
(6) pump <u>20</u> <u>200</u>	Clay & Shale w/streaks	548	570
(HP) (yield gpm)			
Electric			
(type power)			
(7) electric log <u>Yes</u>			
(yes or no)			
<u>MCS - Sept</u>			
(organization running log)			
(8) how well bottom plugged <u>B.P. Valve</u>			
DRILLERS REMARKS:			

*See R
 16, 1971 - on ele sheet 17 16N 10E
 logged 639'*



If well telescopes please
sketch and show depths.

GROUND LEVEL



SECTION _____

Please indicate well location X.

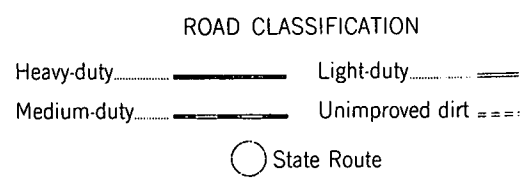
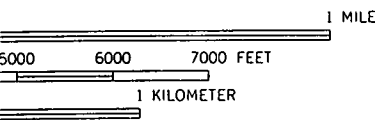
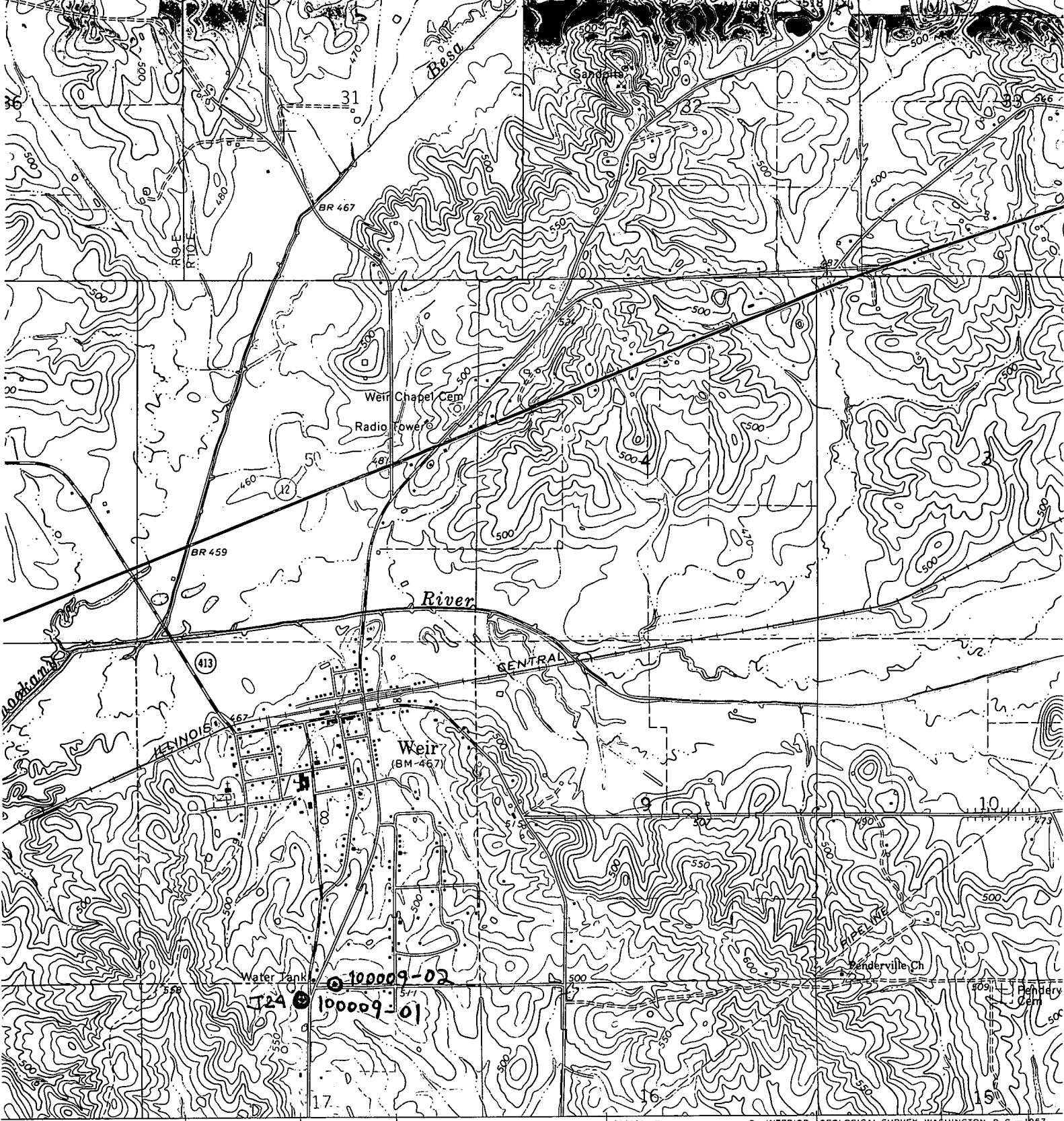
ADDITIONAL INFORMATION

If more than one screen,
show locations of each on sketch.

DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR
PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): Hornbeak DATE: 10/30/96
UNIT DEQ #: 82859 FILE #: B103019A
HEALTH DEPT. #: 100009-01 ELEV. _____
USGS #: J24 OLWR #: GW01538
OWNER: Town of Weir QUAD: Weir
LOCATION: NE-NW S 17 T 16 N R 10 E COUNTY: Choctaw
LOCATION DESCRIPTION: AT Elev. Tank and Water Plant on west side of
Fork Intersection of (Hwy 407 S Weir-McCool Rd) * S. Main St. (Weir)
CASING DIA: 8" PUMP TYPE & SIZE: Submersible
GPS FIELD LOCATION: LAT. 33° 15' 20.6" LONG. 89° 17' 28.2"
GPS CORRECTED LOCATION: LAT. 33.25527859 LONG. 89.29136183
REMARKS: GPS at well.



QUADRANGLE LOCATION

WEIR, MISS.
N3315—W8915/